

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A process for achieving decór on a surface, the surface having desired dimensions and comprising a plurality of surface elements, the surface elements comprising (1) which comprises a decorative upper layer, (2) and a supporting core, and edges suited for joining (5), the process comprising characterized in that;

BI i) selecting a selected main decor is entered via a terminal, the selected decor emanating from a group consisting of [[;]] an archetype digitised via digital camera or scanner and a digitised decor from a database; and that;

ii) entering the dimensions of the surface to be covered by surface elements (1) and the desired dimension of the decór is entered into the terminal and using that support programs is used for calculating the segmentation of the main decór to cover more than one surface element and that,

iii) displaying the result of the selections and calculations is visualised via the terminal.

2. (Currently Amended) A process according to claim 1, wherein characterized in that the digitised main decór (2^a) is stored digitally in order to be used as a control function and original, together with control programs and selection parameters, when printing the decór (2^a).

3. (Currently Amended) A process according to claim 1, further comprising selecting characterized in that a surrounding decór is selected.

4. (Currently Amended) A process according to claim 3, wherein characterized in that a decór effect in a the border between the main decór and the surrounding decór is selected, the selection being made from the group [[;]] consisting of fading, sharp edge, sharp edge with shadow effect, jagged edge, jagged edge with shadow and surrounding inlay of other decór.

5. (Currently Amended) A process according to claim 3, wherein characterized in that

i) a segmentation pattern for the surrounding decór is selected, the segmentation comprising at least two decór segments on each surface element (\dagger), wherein the shape, as seen from above, of the surface element (\dagger) is selected from the group; triangular, quadratic, rectangular, heptagonal, pentagonal and octagonal while the shape of the segments is selected from the group triangular, quadratic, rectangular, heptagonal, pentagonal, octagonal, circular, elliptical, perturbed and irregular and that,

ii) a segment decór is selected for each segment, wherein the segment decór is selected from the group; digiti sed and simulated depiction of different kinds of wood, minerals and stone, different kinds of fabric, art work and fantasy based decór and that,

iii) each selection is made on a terminal where the selections emanates from a data base and that the selection is visualised via the terminal.

6. (Currently Amended) A process according to claim 2 4, further comprising selecting a surrounding decór wherein characterized in that a decór effect in the border between the main decór and the surrounding decór is selected, the selection being made from the group; fading, sharp edge, sharp edge with shadow effect, jagged edge, jagged edge with shadow and surrounding inlay of other decór.

7. (Currently Amended) A process according to claim 1, wherein characterized in that the dimensions of the surface to be covered by surface elements (I) is entered into the terminal and that support programs calculates an installation pattern.

8. (Currently Amended) A process according to claim 7, wherein characterized in that the installation pattern calculation is used for printing an assembly instruction.

9. (Currently Amended) A process according to claim 7, wherein ~~characterized in that~~ the installation pattern calculation is used for printing a miniaturised copy of the calculated installation with the selected pattern and decór.

10. (Currently Amended) A process according to claim 3, wherein ~~characterized in that~~ the dimensions of the surface to be covered by surface elements (I) is entered into the terminal and that support programs further calculates decór and segmentation pattern matching between the surface elements (I).

B1
11. (Currently Amended) A process according to claim 1, wherein ~~characterized in that~~ the selections is used, together with support programs for controlling further steps in the manufacturing procedure selected from the group; identification marking, positioning marking, packaging, lacquering, surface embossing, storing and delivery logistics.

12. (Currently Amended) A process according to claim 3, wherein ~~characterized in that~~ an algorithm is used for guiding the positioning of the decór segments and segmentation pattern so that a decór segment from one surface element may continue on an adjoining surface element.

13. (Currently Amended) A process according to claim 1, wherein ~~characterized in that~~ the control program is used together with decór data and selection parameters for applying matching identification on the surface elements (I).

14. (New) A process for forming surface elements having a decór on a surface having desired dimensions, the surface elements comprising a decorative upper surface, and a supporting core the process comprising;

- i) selecting a main decor via a terminal, the selected decor emanating from a group consisting of an archetype digitised via digital camera or scanner and a digitised decor from a database;
- ii) entering dimensions of the surface to be covered by surface elements (1) and the desired dimension of the decór into the terminal and using support programs for calculating segmentation of the decór to cover more than one surface element and that;
- iii) printing the decór on the decorative upper surface.

15. (New) The process of claim 14, wherein the supporting core comprises at least one selected from the group consisting of particle board, fiber board, and a polymer.

16. (New) The process of claim 15, further comprising achieving the polymer supporting core by injection molding or press molding, and optionally providing a filler selected from the group consisting of particles or fibers of organic or inorganic material.

17. (New) The process of claim 1, further comprising (iv) providing the decorative upper surface with a wear layer.

18. (New) The process of claim 17, wherein wear layer is provided by a method selected from the group consisting of spray coating, roller coating, curtain coating, immersion coating and providing one or more sheets of α -cellulose impregnated with a thermosetting resin or lacquer.

19. (New) The process of claim 14, further comprising (iv) providing the decorative upper surface with a wear layer.

20. (New) The process of claim 19, wherein wear layer is provided by a method selected from the group consisting of spray coating, roller coating, curtain coating, immersion coating and providing one or more sheets of α -cellulose impregnated with a thermosetting resin or lacquer.

21. (New) The process of claim 17, further comprising (v) providing the wear layer with abrasion resistant particles.

β 22. (New) The process of claim 1, wherein the edges comprise at least one of a tongue and a groove.

23. (New) The process of claim 1, further comprising iv) cutting the edges.

24. (New) The process of claim 14, further comprising iv) providing edges suitable for joining on the surface elements.

25. (New) The process of claim 24, wherein the providing step comprises forming at least one of a tongue and a groove on the edges of the surface elements.

26. (New) The process of claim 24, wherein the providing step comprises cutting the edges.
